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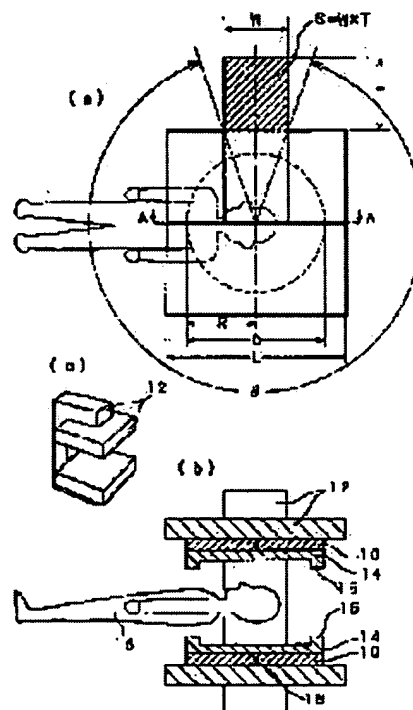
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(54) MAGNETIC FIELD GENERATOR

(57)Abstract:

PROBLEM TO BE SOLVED: To inhibit senses of pressure and fear, by making the width of the column part of a C-shape connected iron frame smaller than the radius of a magnetic pole piece in a magnetic field generator comprising a pair of disk permanent magnets magnetized in the thickness direction and placed facing each other on the inside face of the C-shaped iron frame and a magnetic pole pieces equipped on the permanent magnets.

SOLUTION: A pair of disk magnets 10 magnetized in the thickness direction are placed faced on the inside face of a C-shape connected iron frame to form a closed circuit and magnetic pole pieces 14 with ring protrusions 15 for generating a uniform magnetic field in a wider range are placed on facing planes of magnets 10 to constitute this magnetic field generator. In that case, the width W of the column part of the connected iron frame 12 is made smaller than the radius R ($=D/2$) of the magnetic pole piece 14. That is, the thickness T of the column part of the connected iron frame to sufficiently pass magnetic flux of the magnet is taken as large as possible keeping the minimum cross section area S of the column required for passing the magnetic flux, and the width W is made smaller corresponding to that extent to inhibit senses of pressure and fear given to a patient. The access angle θ is made larger than that of conventional one.



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